


REMARKS

By this Amendment, the rejected claims are being cancelled and replaced by new claims 19 – 22. These claims are based primarily on the discussion in the present application from page 7, line 9, through page 8, line 7, with respect to Figures 6 and 7. They define several patentable features over the primarily cited reference, patent no. 5,714,909 – Jackson. The feedback stage is defined in the new claims to operate to increase the bandwidth of the at least one amplification stage, while Jackson provides a filter in his feedback loop by use of the capacitor 40 to cut-off the feedback of low frequencies (see Jackson, col. 5, lns. 23 – 42) and thus reduce the bandwidth. Further, the claims recite that the feedback circuit connects with the node to which the photodetector is connected, claims 20 and 21 that two amplification stages exist, claim 21 that one of the amplification stages omits a feedback resistor (resulting in a significant reduction in the generation of noise) and claim 22 that there is a noise contribution from only the first amplification stage.

Accordingly, it is believed that this application is now in condition for allowance and an early indication of its allowance is solicited. However, if the Examiner has any further matters that need to be resolved, a telephone call to the undersigned attorney at 415-318-1160 would be appreciated.

Respectfully submitted,



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